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# PARK'S FLORAL MAGAZINE

VOL. XXXVII. LIBONIA, FRANK. CO., PA., DECEMBER, 1901. No. 12.

**Circulation** FOR OCTOBER: Number of copies mailed of Park's Floral Magazine, as indicated by Postoffice receipts **354,866**  
**Bulletin . . .** FOR NOVEMBER: Number of copies printed of Park's Floral Magazine, as indicated by press counters **363,000**  
 Address all advertising communications to **THE C. E. ELLIS CO., Adv'ng Managers,**  
**713-718 Temple Court, New York, N. Y.**

## Splendid Bulbs Sacrificed.

**100,000 Bulbs offered at one-third their Value  
to close out Surplus Stock.**

I HAVE a large quantity of splendid named Bedding Hyacinths and Tulips, which are Surplus Stock, and to close them out I have decided to let them go at a big sacrifice—one-third of their real value. These bulbs are all sound and of the choicest, brightest, hardest varieties—kinds that will not only bloom well the coming spring if bedded out now, but will increase in size and vigor and bloom, each year, for several years, even though given but little care. I therefore make this sacrificial offer:

### FOR ONLY \$1.00

sent me before January 5th, 1902, I will pack carefully, mail prepaid and guarantee safe delivery—

- 33 Dutch Bedding Hyacinths**, representing all the splendid waxy colors; white, flesh, pink, red, yellow, cream, porcelain, azure, blue, etc.—fine, sound bulbs, all named, worth at retail, 1.52  
**32 Grand Bedding Tulips**, representing all the colors; white, rose, crimson, scarlet, red and gold, rich yellow, gold-feathered, etc., all named varieties, yielding the finest flowers, retail value, .96

**70 Bulbs.**

Total value, - - \$2.48

All these splendid bulbs, really worth \$2.48, will be mailed promptly on receipt of \$1.00. A superb big Hyacinth bulb for house culture; also a Golden Sacred Lily added if you send two orders (\$2.00) for two lots.

### Hyacinth (H.) and Tulip (T.) Bed.

H	H	H	H	H	H	H	H
T	T	H	H	T	T	H	T
H	T	H	H	H	T	H	T
T	H	T	H	T	H	T	T
H	H	T	H	H	H	H	H
T	T	T	T	T	T	T	T
H	H	H	H	H	H	H	H

by pressing with lath, and set the bulbs as designated in the design here given, placing in alternate rows. As the bulbs will be sent you in colors, you can group the colors to suit you. When set, cover with four inches of rich soil, which you can wheel in, thus raising the the surface, so no water will stand upon it, and then tread the whole firmly over the bulbs, and cover with evergreen boughs, or stable litter. In the spring, when severe early frosts are past, remove the covering, and you will soon have a magnificent display of bloom. The Hyacinths will bloom first, and as they fade the Tulip flowers will open, thus prolonging the period of bloom. The bed should be in a sunny place.

**More and More Bulbs.**—If you will order during December I will add a lot of extra bulbs and some mixed seeds for sowing over the bed before placing the protection—value 52 cents, thus making \$3.00 in value for \$1.00. Now, speak quickly, before the bulbs are gone, and your money will have to be returned.

**GEO. W. PARK, Libonia, Franklin Co., Pa.**

Canadian friends will please enclose 16 cents extra to pay the extra postage to that country.



TULIP.

big Pot Daffodil and a Golden Sacred Lily added if you send two orders (\$2.00) for two lots.



HYACINTH.

### How to Plant These Bulbs.

These grand hardy Hyacinths and Tulips will make a gorgeous display early in spring if bedded out now, and will increase in beauty from year to year for several years, as they are all of hardy varieties, not subject to disease. Prepare a deep, rich bed, 3½ x 7 feet, incorporating cow manure, well-decayed, with the soil, and cover the surface with a half-inch layer of sand. Press the surface level with a board, then mark rows 4½ inches apart both ways,



# THE "1900" FAMILY WASHER FREE.

Greatest invention of the Age.  
Labor and Expense of Washing  
Clothes Cut in Two.

No More Stooping, Rubbing or Boiling  
of Clothes.

Every Household Needs One.



## THE "1900" BALL-BEARING FAMILY WASHER SENT FREE

to anyone answering this advertisement, without deposit or advance payment of any kind, freight paid, on 30 days trial. The 1900 Ball-Bearing Washer is unquestionably the greatest labor-saving machine ever invented for family use. Entirely new principle. It is simplicity itself. There are no wheels, no paddles, rockers, cranks or complicated machinery. It revolves on bicycle ball-bearings, making it by far the easiest running washer on the market. No strength required, a child can operate it.

No more stooping, rubbing, boiling of clothes. Hot water and soap all that is needed. It will wash large quantities of clothes (no matter how soiled) perfectly clean in 6 minutes. Impossible to injure the most delicate fabrics. As the Sup't. of the Savannah Yacht Club says:

"It is a wonder. Our washing is very large and we have always had two women on Monday and one on Tuesday. Our cook and the yard boy now do the washing in 4 hours much better than before."

NEWMAN, Ills., July 5, 1900.

I can testify that the 1900 is the best washer and the easiest running machine. It will absolutely clean the clothes, cuffs, and bottoms of ladies white skirts better than can be done by hand. The washings that took my wife from 5 to 7 hours to put out by hand, can easily be done in 2 hours. R. A. SKINNER.

KENSSEE, Ky., March 21, 1900.

I did a double washing for myself yesterday and made 65 cts., from my borders, besides all my cooking, milking and housework. It takes less soap with your machine than in the old way. I have no need of the washboard any more. Mrs. L. A. BARTON.

ONALASKA, Wis., Jan. 4, 1901.  
We are a family of 5 and as I had a 3 weeks wash it was an immense one. Had it all out in 3 hours and never had nicer looking clothes. I did not even put my hands into the water. I cannot too strongly recommend the "1900" washer. Mrs. J. M. WILSON.

Write at once for catalogue and full particulars to

"1900" WASHER CO.,  
195P State St., Binghamton, N. Y.

**STARK TREES** best by Test—77 YEARS  
LARGEST Nursery.  
FRUIT BOOK free. We CASH  
WANT MORE SALESMEN PAY Weekly  
STARK BROS., Louisiana, Mo.; Dausville, N. Y.; Etc

## Lily of the Valley.

6 Finest Multiflowered German Pipe—  
finest strains, only 15 cents, 12 for 25  
cents. 100 Pips, enough for a large  
bed, \$1.55.

Now is the time to get Lily of the Valley. Bedded out now they are perfectly hardy, and make a lovely display of fragrant bloom in spring. Potted now they are sure to yield their charming flowers in the window during the cold, dreary winter months. For cemetery planting they are unrivalled. Order at once for yourself and friends. Don't delay. Address

GEO. W. PARK, Libonia, Pa

### PARK'S FLORAL MAGAZINE.

This is the flower-lovers' own monthly, posting the readers thoroughly on all floral subjects. It's the oldest floral Journal, and the favorite. Price, 25 cents for one year or 50 cents for 5 years.

**As a Pot Plant,** *Asparagus plumosus* nanus is charming. Nothing is more easy to cultivate. Everybody should have it. Four splendid plants will be sent as a premium for two subscriptions to Park's Floral Magazine, either yearly or 5-yearly. The 4 plants alone without subscriptions, 40 cents, 12 plants for \$1.00.

**A Splendid Plant for a vase or basket** is *Asparagus Sprengeri*. It will completely hide a big vase with its graceful foliage, drooping in elegant sprays several feet in length. No plant is of easier culture, and none handsomer. Four strong plants mailed for a club of two 5-year subscriptions to the Magazine (\$1.00). Without the subscriptions, price 4 plants 40 cents, 12 plants \$1.00—mailed. Safe delivery guaranteed.

**Aizberth Amaryllis.**—I offer splendid big bulbs of this finest strain of Amaryllis. The flowers are of immense size, of many bright, fine shades, and some richly marked. They far surpass A. Johnsonii. One bulb, mailed for two 5-year subscriptions to Magazine (\$1.00). Without the subscriptions, price 40 cents each, or six bulbs for \$2.00. You will make no mistake by getting a half dozen of these grand Amaryllis. This price is only good till Feb. 1st, 1902.

**Chrysanthemum Art Study.**—There is no handsomer floral work of art than the Chrysanthemum Art Study by Paul de Longpre, here offered. It shows four of our finest Chrysanthemums in their natural colors, and is charming. Mailed for 25 cents, or 5 copies for \$1.00. Order this month. A lovely Christmas present.

GEO. W. PARK, Libonia, Pa.

**LADIES** to do plain needlework for us at home. We furnish materials and pay \$7 to \$10. per week. Send stamped envelope to **STANDARD CO.**, Indiana Ave., Chicago, Ill.

**LADIES** something new making sofa pillows at home, \$7 to \$12 weekly; materials furnished, no canvassing. Steady work guaranteed. Send stamped addressed envelope **HOUSEHOLD MFG. CO.**, Erie St., Chicago.

**LADIES WANTED** to work on **SOFA PILLOWS** Materials furnished. Steady work guaranteed, experience unnecessary. Send stamped envelope to Miss S. McGe. Needle Work Dept., **IDEAL CO.**, Chicago, Ill.

**\$50** A month distributing samples. Enclose stamp. Inter'l Dis. Bureau, 150 Nassau Street, New York.

**HOME WORK** 600 a sheet copying. Send stamp. Wholesale Supply Co., South Bend, Ind.



## WE TEACH YOU FREE

\$5. to \$10. PER DAY.

Gold, Silver, Nickel and Metal Plating.

At home or traveling, using and selling

Prof. Gray's Machines. Plates

Watches, Jewelry, Tableware, Bicycles,

all metal goods. NO EXPERIENCE.

Heavy plate. Modern methods. No toys.

We do plating, make outfits, all sizes.

Complete, all tools, lathes, materials,

etc., ready for work. The Royal, new dipping process, quick and easy. Write today. Pamphlet, samples, etc., FREE.

F. GRAY & CO., Plating Works, CINCINNATI, O.



# WONDERFUL \$3.75 FOLDING CAMERA.

Cut this ad. out and send to us, enclose \$8.75 and we will send

you this high grade folding Delmar camera, complete with lens, shutter, one double plate holder, leather covered carrying case and book of instructions. If you do not find it exactly as represented, perfectly satisfactory in every way and the equal of folding cameras that others sell at from \$6.00 to \$10.00, you can return it to us at our expense of express charges. BOTH WAYS and we will immediately return your \$8.75.

**THE DELMAR FOLDING CAMERA** 4½ inches. It is made of the best selected material throughout, of solid mahogany piano finish wood and lacquered finished brass. High grade red leather bellows, the whole covered with a fine black seal grain leather. It is provided with spring actuated ground glass focusing screen and accurate focusing scale, rising and falling front, enabling the operator to control the relative amounts of sky and foreground.

**SHUTTER** equipped for both time and instantaneous exposure, is fitted with a set of diaphragms for varying the intensity of the illumination and bringing both near and distant objects into sharp focus at the same time.

**THE VIEW FINDER** IS REVERSIBLE, making the camera available for either upright or horizontal pictures.

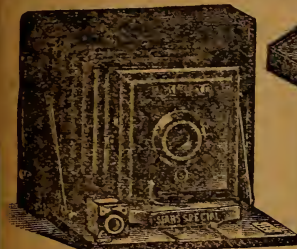
**THE LENS** is an extra high grade single achromatic of the Meniscus type, giving great depth of focus and covering the entire plate sharply.

**THE DELMAR** is suitable for either interior or outdoor work. It will take landscapes, portraits, buildings, groups, flashlight pictures, interiors, etc.

**IT IS LIGHT, SIMPLE AND DURABLE,**

one of the handsomest cameras made. It measures, closed,

2½ x 5½ x 6¼ inches, and weighs



**CAMERA OPEN.** measures 2½x6¼x10¼ inches. The Delmar Camera has every improvement and adjustment necessary for the best work and is covered by a binding guarantee.

**WE FURNISH FREE** with the Delmar Camera a handsome leatherette carrying case, 110-page instruction book, which teaches beginners how to **TAKE, DEVELOP AND FINISH ALL KINDS OF PICTURES.** It also comes complete with lens, and shutter and one double plate holder.

**THE DELMAR** is the very latest style for 1902, strictly up to date and combines the good points of all cameras with the defects of none.

**\$3.75 FOR CAMERA** with carrying case and one double plate holder.

\$4.95 for camera, as above and complete developing outfit is a price based on the actual cost of material and labor with but one small percentage of profit added, less than one-half the prices charged by others.

**ORDER TODAY. DO NOT DELAY** Enclose our price. Understand, if the camera is not perfectly satisfactory we agree to return your money at once and pay the express charges both ways.

Address,

**SEARS, ROEBUCK & CO., CHICAGO, ILL.**

**CARRYING CASE.** **CAMERA CLOSED.** **24 OUNCES.** **OUR BIG \$1.20 DEVELOPING OUTFIT.**

To those who wish a complete picture developing outfit and material, we furnish for \$1.20 the following goods and supplies, the equal of any you could buy elsewhere at double the price. If you wish the developing outfit at \$1.20 extra, be sure to so state and enclose the amount when ordering. Our big \$1.20 developing outfit contains:

- 1 metal dark room lamp
- 3 trays for developing,
- 1 printing frame
- toning and fixing
- 1 print roller
- 1 graduate
- 1 package dry plates
- 1 paste brush
- 13 card mounts
- 1 package sensitized paper
- 1 package developer
- 1 package toner
- 1 jar of paste
- 1 package hypo

**AT OUR SPECIAL \$3.75 PRICE** you get

camera for less than dealers can buy in dozen lots. At 45 cents extra, each we will furnish extra plate holders fitted with the very best quality of hard rubber slides.

Enclose our price. Understand, if the camera is not perfectly satisfactory we agree to return your money at once and pay the express charges both ways.

## CORRESPONDENCE.

Mr. Park:—I had a black Calla to bloom. I treated it as I do the common Calla, watering it every day with warm water. When it was in bloom I set it outside, as the sweet (?) odor was overpowering. I set it in the border in the spring, and have not seen anything of it since, and do not care, either.

Mrs. G. G. Vanderzyl.

Marion Co., Iowa, March 10, 1901.

Zinnias and Marigolds.—Mr. Park: In reading what Mrs. Mullin had to say about Zinnias and Marigolds, I looked up at Mr. Tueber and said I am "just cynched." "What is the trouble now?" replied Mr. Tueber. A lady does not like Marigolds. Mr. Tueber has been an invalid since September, and has looked at a box in his room that contains two large, canary-colored Marigolds and a Mignonette, and said, in looking up at me, "I like 'em." It just did my whole soul good when I read what you had to say. I wanted to take hold of both your hands and shake them in gratitude. I have many other plants, some tropical. I thank you for those nice bulbs and for every plant that has cheered Mr. Tueber this winter. It is hard on one to have to be indoors all the time, and a flower book, or kind words, cheers. Good thoughts from us every day.

Mrs. Benjamin Tueber.

Nevada Co., Cal., Jan. 26, 1901.

Dear Band:—I procured the Enchantress Rose last summer, as spoken of in April number of Floral Magazine, and find it all as reported. Shall keep it growing and, I think, blooming all winter.

Mrs. Nellie A. Brown.

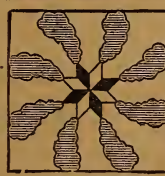
Cumberland Co., Maine, Nov. 13, 1901.



## SALESMEN AND AGENTS WANTED

**BIG WAGES**—Our Famous Puritan Water Still, a wonderful invention—not a filter. 22,000 already sold. Demand enormous. Everybody buys. Over the kitchen store it furnishes plenty of distilled, aerated drinking water, pure, delicious and safe. Only method. Distilled Water cures Dyspepsia, Stomach, Bowel, Kidney, Bladder and Heart Troubles; prevents fevers and sickness.

Write for Booklet, New Plan, Terms, etc. **FREE** Harrison Mfg. Co., 421 Harrison Bldg., Cincinnati, O.



Princess Feather.

today. **LADIES' ART CO.,** Box 9 M, St. Louis, Mo.

## 420 Quilt

Sofa and Pin Cushion Designs, many never before published; book contains besides, lessons on embroidery and on Battenburg Lace making, all illus., alone worth 60c each; also illus. lists of materials and quilting designs, including 100 fancy stitches for patch work. Regular price is 25c, but to each reader of this paper we will send a copy postpaid for 10c. Write

## LEARN PROOFREADING.

If you possess a fair education, why not utilize it at a genteel and uncrowded profession paying \$15 to \$35 weekly? Situations always obtainable. We are the original instructors by mail.

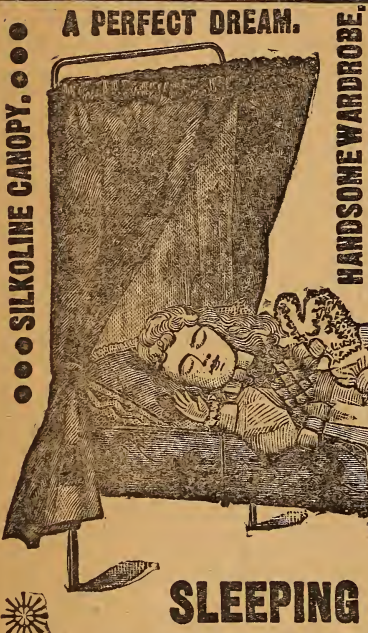
**HOME CORRESPONDENCE SCHOOL,** Philadelphia



# FREE

## SLEEPING DOLL AND BED COMBINATION

A PERFECT DREAM.



**20th Century  
Sleeping Doll Wonder.**

Complete With Handsome Canopy Top  
Folding Bed Combination

**GIVEN AWAY**  
to any person disposing of 36 Novelty  
Articles at one dime each.

**NEARLY TWO FEET LONG.**

Folding  
Steel Bed.

### SLEEPING BEAUTY.



**GIRLS**

Do you desire to receive this handsome Sleeping Beauty Doll and Bed Combination Outfit complete for a few hours' work after school hours? If so, write us at once and we will mail you **three dozen** of our latest novelty articles (a fine assortment), to dispose of at **one dime each**. When sold, remit us the money (\$3.60), and we will forward to your address, carefully packed, a lovely dressed **Sleeping Beauty Doll**, over **one-half yard in height**; also a handsome **gilded steel doll folding bed**, complete with canopy top, mattress, pillows, etc. This beautiful dollie is a perfect dream, with sleeping eyes that open and close automatically, long, natural, curly hair (dark or blond); moving bisque head, lovely white teeth, hat, shoes, stockings, etc., completely dressed from hat to shoe. The newest creation of the doll-maker's art, sweet and pretty as baby herself, delights and pleases the little ones.

REMEMBER, we send both sleeping doll and folding bed complete for disposing of only **three dozen** articles at one dime each. This is a bona fide proposition of merit, made in good faith by a well known and responsible concern to honest people, who will either sell our goods or return same in good condition. We trust you and allow a reasonable length of time to dispose of same.

Order the three dozen novelty articles, sell them if you can and receive this big sleeping doll and folding bed combination for your trouble. You assume no risk whatever, as we take back all unsold articles and allow you a present, provided you have sold one dozen or more. Order at once and address,

DIME SPECIALTY CO., 45 Dime Specialty Bldg., BRIDGEWATER, CONN.



**SPECIAL NOTICE.**—We desire to call the reader's attention to the fact that our **SLEEPING DOLL** is made of **BISQUE** and is represented in every way, and must not be classed with the printed cloth or rag doll so extensively advertised by other concerns.

**WIDE AWAKE.**

When answering the above advertisement please mention Park's Floral Magazine.

# PARK'S FLORAL MAGAZINE.

A MONTHLY JOURNAL OF FLORICULTURE.

Vol. XXXVII.

Libonia, Pa., December, 1901.

No. 12.

## DECEMBER.

Twelfth child of the year,  
What bringest thou here  
To this climate of ours?  
In forest and field  
What treasures dost yield,  
Of fruit and of flowers?

Quoth December, I've crossed  
In the wake of the frost  
Over bare fields and sear,  
With my blankets of snow  
To enfold as I go  
The dead months of the year.

*S. Minerva Boyce.*

*Washington Co., N. Y., Nov. 12, 1901.*

## ABOUT LILY OF THE VALLEY.

THE Lily of the Valley, botanically known as *Convallaria majalis*, is a native of England, and found in many places in that country growing in its native haunts. It is generally admired, and as it will thrive and bloom in any moist, shady place, displaying its racemes of waxy fragrant bells every season during the spring months, a bed of the plants should be found at every home.

Millions of the pips of Lily of the Valley are annually imported into America from Germany, where they are grown to perfection by specialists. These pips are not largely used in this country for bedding, but are purchased by florists to force into bloom for cut flowers. The German pips, of the best strains, are sure to bloom if given a modicum of care, either in the house or garden. The time to buy and bed them out is November or December, at which time they usually arrive in this country. For a nice clump or bed set the pips four or five inches apart, choosing a rather retired, shady place. The plants will even thrive and bloom in a dense shade, where but few other plants will live. The pips will multiply and become a mass of blooming plants, the only care

required being to keep the grass and weeds from among them, and to yearly scatter some fine litter or rich soil over the bed at an appropriate season.

As stated, however, the bulk of the imported pips of Lily of the Valley are used for winter-blooming by florists. They can always be relied upon, and the lovely, fragrant sprays find a ready sale among bouquet-makers. It seems strange that this exquisite, sure-blooming little plant should not be generally cultivated for winter flowers by the masses of the people. Their culture in pots is very simple. The best German pips only should be obtained. Everyone of these will throw up a fine spray of flowers. Place six of them in a five-inch pot, using light soil with good drainage, and allowing the tips to just protrude above the surface. Water, and set the pot in a cool, dark place for about four weeks, then bring gradually to the light and heat

of the sitting-room window. To encourage the growth of the stems and leaves a flower pot of the same size as the one containing the pips may be turned over, to keep the air moist and the light out till growth begins. Avoid a dry, hot atmosphere. With this slight care you will soon be rewarded by a potful of foliage and bloom. Sometimes the sprays of bloom appear before the leaves. In such cases if some small, garden pips can be secured and potted with the large ones

they will furnish foliage for the flowers.

As a cemetery plant the Lily of the Valley is especially suited. Its hardness, tenacity, and chaste beauty are just the elements desired in a plant for this purpose. Once introduced in a cemetery lot, the little plants will remain and care for themselves for years, and every season display their bright foliage and modest bloom as a token of love and regard. The flowers are succeeded by scarlet berries, making a fine appearance among the rich green foliage later in the season.



LILY OF THE VALLEY.



# Park's Floral Magazine.

A MONTHLY. ENTIRELY FLORAL.

GEO. W. PARK, Editor and Publisher,  
LIBONIA, FRANKLIN COUNTY, PA.

CIRCULATION.—The actual circulation, proven when required, is 350,000 copies monthly. No free distribution to promiscuous lists of names. Advertising offices 713-718 Temple Court, New York, N. Y., The C. E. Ellis Company, Managers, to whom all communications about advertising should be addressed.

SUBSCRIPTION PRICE, 25 cents a year, prepaid.

THE EDITOR invites correspondence with all who love and cultivate flowers.

Entered in the Post Office at Libonia as Second Class Mail Matter.

DECEMBER, 1901.

## IN OKLAHOMA.

HERE the climate is mostly hot and dry in the summer, and the soil being very sandy Roses, Geraniums, and very many of the favorite flowers do not thrive. The only successful method of culture is to prepare a potting soil by securing and piling up in alternate layers of the best sods to be obtained, and well-rotted manure from the cow yard. These materials well composted by keeping them heaped and moistened for several weeks, occasionally working them over to get them well mixed, will be found admirable potting material for nearly all the house plants, and good to use in preparing beds for out-door plants. An addition of chip-dirt or decayed wood, if obtainable, would be beneficial. In the house the atmosphere can be tempered by steam or water evaporation, and the soil kept moist by watering, so that the window plants in that dry section of country should do quite as well as elsewhere.

**Variations.**—A Sister potted a Chrysanthemum with some Geraniums and found to her regret that the Chrysanthemum afterwards produced flowers of an inferior color and form. She asks if such experiences are common. It is not uncommon for a Chrysanthemum to sport or vary, but the variation may be attributed to the influence of the soil, situation, general conditions, or some inherent tendency, rather than that of plants with which it is closely associated. The Geranium plants certainly had nothing to do with the variation referred to.

**Non-blooming Carnations.**—When Carnation plants grow from year to year without producing flowers, it would be well to bed the plants out in a sunny place in the spring, and let nature care for them. When given a warm, sunny bed out-doors the plants are almost sure to bloom satisfactorily.

## HYACINTHS AND TULIPS.

FOR a showy bed of flowers early in spring nothing surpasses Hyacinths and Tulips. These may be obtained and planted at any time during the fall and early winter. They may even be planted in January with success, where the ground is not frozen too much to be worked during that month. The only secret about late planting is to tread the earth firmly after the planting is done, and then cover with a thick layer of stable litter, or with evergreen boughs—the former preferred. This will prevent the frost from reaching the bulbs till they begin to form roots, and although the flowers may not appear so early in the spring as those from bulbs planted during October, they will be equally as satisfactory, if the mulch is not all removed, so that the soil is kept moist and cool till after the blooming period is past.

A dollar expended in choice bulbs of Hyacinths and Tulips now will yield more pleasure in the spring than the same amount expended in any other way. Planted together a bed of these flowers will make a fine display for many bright spring days, and elicit admiration and praise from all who see it. Should the ground be frozen hard when the bulbs come, bed them in a shallow box of earth in a cool cellar and keep moist till spring, then transplant to the garden. But if the garden soil can be worked it is better to bed the bulbs out in December or January, than to care for them in boxes. They are entirely hardy, and will endure severe freezing in the soil without injury.

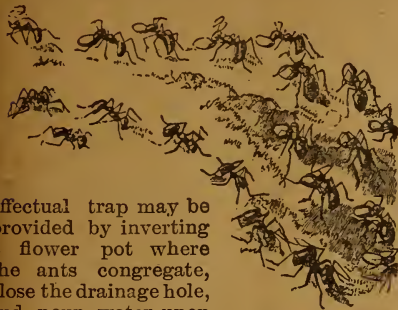
**Gardenia Semi-dormant.**—A plant often appears in a dormant or semi-dormant state when it is active. We only see the part above the soil. Many times when the top is inert the roots are active, and when the top is growing the roots are not developing. Gardenias are especially liable to take long rests. They are evergreens, and often do not develop a leaf for months. The time comes, however, when the plant wakes up, becomes brighter and pushes out new leaves and new branches. So do not be discouraged if a plant appears inactive. If not mistreated it will in time reward your patience with new leaves, new branches, and eventually with flowers.

**Seedling Geraniums.**—These often do not bloom till the second year, although the growth is strong and robust. The big plants can be wintered in a light, frost-proof cellar in pots, then bedded out in a sunny bed in spring, and generally allowed to shift for themselves. The bloom clusters will then appear and develop during the summer.



## TO GET RID OF ANTS.

WHERE Ants trouble the garden they may be destroyed by flooding their nests with water, to which has been added sufficient carbolic acid or chloride of lime to be effective. When the pests cannot be reached by this liquid, an



effectual trap may be provided by inverting a flower pot where the ants congregate, close the drainage hole, and pour water upon the ground around. The ants will gather inside the pot, and may be destroyed with scalding water. Some fresh bones inside the pot would make the place still more attractive to the insects.

When ants are troublesome in the house a similar trap of bones with a little meat attached will prove effectual as a trap, and the pests can soon be greatly reduced in number. Molasses with some arsenic well incorporated is also recommended. This is very poisonous, however, and should not be used where there are children, or where the preparation would be likely to be touched by innocents. A good trap is also prepared by soaking a slice of bread in sweetened water. When covered with the pests the bread can be thrown into scalding water, and other bread prepared and placed.

## Thrips, Aphides, Mealy Bugs.

—A sure remedy for these and other soft-skinned insects is to syringe the infected plants with a liquid prepared by steeping quassia chips in hot water, adding soft-soap to form a suds, then kerosine, as per the formula on page 32 of this volume of the Magazine. Apply this liquid heated to 130° Fahrenheit, using a good brass syringe with a moderately fine rose. A few applications will eradicate all the soft-skinned pests with which your plants are troubled. It is an effectual remedy.

**Starting Passion Vine.**—Seeds of Passion Vine are often slow to germinate. If soaked in warm water for twenty-four hours sprouting will be hastened. Do not become discouraged if the seeds are tardy: Keep the soil moist for several weeks. Your patience will generally be rewarded in due time.

## BRIGHT-BERRIED SHRUBS.

A BEAUTIFUL pyramid of autumn shrubbery may be obtained by planting *Ilex verticillata* in the center, *Euonymus Americana* next, and bordering with *Berberis Thunbergii*. The *Ilex*, a native shrub, sometimes known as *Prinos verticillata*, and in common as Virginia Winterberry, grows from eight to twelve feet high, every branch thickly set with bright scarlet berries which remain perfect during the greater part of the winter. It likes a moist soil.

The *Euonymus Americana* grows from four to seven feet high, and the branches are clothed with showy, waxy-pink fruit, which bursts open after frost and reveals the rich scarlet seeds. This, too, is a native shrub, found in meadows and brakes in various parts of our country.

*Berberis Thunbergii* is a handsome cultivated shrub growing from one to three feet high, bearing in great profusion, bright scarlet, haw-like fruit. The plant is dense in growth, and is a pretty border for the group.

All of these plants will grow in any moist soil, and as they drop their leaves when severe frosts come the berries become prominent, and are an object of great admiration. A few perennial spring, summer and autumn blooming herbaceous plants judiciously placed among these shrubs will brighten the bed, and make it attractive, while the glory of the bed will appear on the verge of winter, and continue for weeks after the bright flowers of summer and autumn are gone.

**Christmas Cactus.**—This plant does well in a moderate-sized pot, and should not be often repotted or shifted. Place the pot in a sunny place in summer, and let Nature care for it, unless in a dry, arid climate, where artificial watering is necessary. As cold weather approaches lift it and remove to its blooming quarters. Its culture is so simple that anyone will succeed with it. It invariably blooms in winter when large enough and old enough, and the roots are pot-bound.

**Rose Cuttings.**—These should be taken in summer just after the flowers fade, placed in moist sand, and covered with a bell glass in a warm, shady place, ventilating occasionally. They will root in from four to six weeks. They should be potted or planted in earth when rooted.

**Keeping Cannas.**—Dig the clumps when the ground is wet, before frost touches the roots, dry thoroughly and place on an upper shelf in a dry, frost-proof cellar. The dry, hard earth about the roots keeps the air from them and preserves them in good condition.

## BLUE HYDRANGEAS.

IT IS well known that the common Hydrangea hortensis, H. Thomas Hogg and others are often found producing flowers of an exquisite blue shade, but it is not so well known that this is brought about largely by artificial means. The use of iron filings in the soil and of alum water occasionally in watering—the means commonly recommended for producing blue Hydrangeas, after unsuccessful trials by many has resulted in skepticism regarding their cyanic influence, and the whole subject to such becomes a mystery. Why is it?

There is a secret in the use of iron and alum, and that secret will here be revealed for the benefit of the interested readers of the Magazine. It is simply perseverance. The Mexican flower fakers change the cut spikes of Tuberoses bloom from white to pink, or to variegated white and pink, or to scarlet, in a single night, by placing the stems in a colored liquid; and doubtless the reader has often changed the pure white bells of a spray of Lily of the Valley to a lovely pink tint in two or three hours by simply placing the cut stem in a bottle of red ink; but the big growing panicles of Hydrangea are not so readily changed to a blue color. It generally requires time to effect this change, say from one to three years. Mix iron filings with the potting soil when the plants are small, and use the "iron" soil when repotting them, and at intervals apply water impregnated with alum. Persevere in this treatment for several years. This is the secret. Your patience will eventually be rewarded by the exquisite blue panicles of bloom, and as they appear your skepticism, if you have any, regarding the influence of iron and alum in Hydrangea culture, will vanish.

**Toads and Frogs.**—The big, ugly, slimy, striped slugs which are troublesome in greenhouses, as also sow bugs of various kinds have a common enemy in the toads and croaking frogs found so freely about streams and ponds in early spring and summer. These plant pests are hard to reach by insecticides, and are not readily trapped. Frogs and toads are, therefore, the best destroyers of them, and can be introduced into the greenhouse or conservatory when they can be obtained. They do not rest in winter, as when left in the pond, and they feed continuously upon the vile pests mentioned. They are entirely harmless to the plants.

**Sweet Peas Dying.**—A subscriber in Ohio watered his Sweet Peas every day it did not rain, and they suddenly died—probably on account of too much care—too much water.

## ABOUT LILIES.

BULES of *Lilium Candidum*, *Harrisii*, *Longiflorum*, *Umbellatum*, *Elegans*, and *Takesima* ripen early in autumn, and can be generally obtained and planted with the Hyacinths and Tulips. Such species as *Auratum*, *Speciosum*, *Tigrinum*, *Excelsum* and *Tenuifolium* are late in maturing, and cannot be prepared for market till the growing season is past, usually the latter part of November or early December. The trade in Lily bulbs is not often satisfactory or profitable to the dealer or florist. *L. Candidum* and *L. Harrisii* have lately been subject to a disease or blight which has nearly ruined their profitable culture, and as the disease cannot always be detected till growth begins they are a subject of much complaint, and often of ill-feeling. *Auratum*, *Speciosum* and *Tiger Lilies* are more satisfactory and are among the best kinds for general culture. The California Lilies rarely bloom well in the Eastern States, and the less popular Lilies are hard to obtain when wanted, and are frequently unsatisfactory in growth. Those who would grow Lilies must have patience in securing the bulbs, and study their nature and habits and make repeated trials of some kinds to meet with success.

**Crassula.**—*Crassula cordata* is a thick-leaved, succulent plant, mostly thriving in the warm, dry air of the living room, and throwing up its handsome panicles of small flowers during the bleak winter months. The only secret in its culture is to avoid giving it too much water, and keep it in a rather sunny exposure. To have plants that will bloom freely in winter get them in a small state in the spring and shift them into larger pots as they grow during summer.

**Cactus.**—When a Cactus has been watered too freely, so that it has rotted at the base, take it off, cut away the decayed part with a sharp knife, let it dry a few hours, then insert a half inch or more in moist sand. It will soon throw out new roots, and can then be potted. As a rule avoid watering Cactuses freely in winter. They are often injured by applying too much water.

**Chrysanthemum Mildew.**—The mildew of *Chrysanthemum* plants is usually attributable to a close, damp atmosphere, or to extreme heat or cold. It can mostly be avoided by giving the plants a well-ventilated place and an even, rather dry temperature. Syringing with soap suds to which has been added some flowers of sulphur is a remedy, but not very reliable.



## ATHLETE AND MARS.

**T**WO such war-like names betoken vigorous Geraniums, and such they are. I fell in love with Athlete at the home of a florist, when one day in March I was going through the greenhouses. It has a plain, crumpled leaf, not at all pretty, but its florets are fully two inches in diameter, and of the most intense scarlet I have ever seen in the Geranium family. The clusters are also immense, a coffee cup being a good fit over one. Then each bunch throws forth another flower stalk. It grows into an immense bush, and will fill a bed by itself. A nice thrifty plant is in a pot, preparing for winter bloom.

Mars is a dwarf, with a beautiful zonale leaf. The green is rich, and the marking is a decided chocolate. It is a lovely plant without flowers, but the flowers are a dainty pink with flushes of white, different from Souvenir de Mirande, but fully as lovely. These two Geraniums will make fine winter bloomers..

Georgina G. Smith.

Dubuque Co., Iowa.

[NOTE.—Mr. Eicholz, who introduced Mars, exhibited a new Geranium at the Pan-American Exposition under the name of Dryden. It is of the Souvenir de Mirande type, and the florets are large, produced in splendid clusters. The color is carnine scarlet, upper petals white, flamed, and the plant is of good growth and very free blooming. This bed of Geraniums was the most showy and beautiful exhibited at the big Exposition. The variety will doubtless become popular as a pot plant as well as for bedding.—ED.]

**Monotropa uniflora.**—The common name of this curious plant is Indian Pipe. It is found late in summer or early in autumn. Usually a clump of it has several, sometimes as many as fifty, flowers. There is never more than one flower on a stalk, and all the stems seem to grow from the same root. In color the flower is generally of a white tint, but I have found them of a pinkish color. The plant has scarcely any leaves, and seems to be parasitic, growing from roots of other plants or decayed vegetable matter.

W. C. Mollett.

Martin Co., Ky., Aug. 12, 1901.

**Clotilde Soupert Rose.**—One of the best varieties of everblooming Roses is Clotilde Soupert. It will produce more flowers during the season than any other variety with which I am acquainted. It is also very hardy, and will stand the winters in most parts of the country without any protection. The flowers are white, shaded with rose color, and are very fragrant. Last autumn I found flowers on my plant as late as the 28th of November.

Wm. C. Mollett

Martin Co. Ky. May 12 1901

## TUBEROUS BEGONIAS.

**W**HEN given proper care the Tuberous Begonias are very satisfactory plants. They usually succeed best when grown in pots in the house, but they will also grow well in the open ground if given a suitable location. It is best to start them into growth in the house early in spring, giving them a warm situation with bottom heat if possible. While the soil should be kept moist, it is always best not to give them a very large amount of water, and to never water when the sun is shining on the foliage, as the leaves are liable to drop when they are watered directly on the foliage. They can be planted out in the open ground as soon as the weather is warm enough, which is about the first of June. They should be given a sheltered position where they will be somewhat protected from the wind, and where they will only get the sun's rays during the morning and evening. They succeed best in good, loamy soil or woods earth, and must be planted with the crown of the bulb uncovered.

Wm. C. Mollett.

Martin Co., Ky., June 9, 1901.

**Perennial Phlox.**—Sow in a cold frame or bed of sifted soil, in a partially shaded situation. Sow thinly, cover about three times their thickness with light soil, and water whenever it is necessary to keep the soil moist. Keep the young plants clean and free from weeds, and properly supplied with moisture, and as soon as the ground becomes frozen late in the fall cover slightly with evergreen branches or else carry over in the cold frame until spring, when they can be removed to their permanent position in the mixed flower border. Perennial Phlox seed will germinate more freely if sown as soon as gathered.

Chas. E. Parnell.

Queens Co., N. Y., July 13, 1901.

**Honeysuckles from Seed.**—The first day of April I received a packet of mixed Honeysuckle seed. I took a sharp knife and opened the hull and took the seed out. I planted them in a row in my greenhouse, and in less than three weeks was rewarded by fourteen fine, thrifty plants. I transplanted them the middle of May, and kept well watered and free from weeds, and now they are fine bushy plants nearly a foot high. I would advise others to try them, and I know they will be well pleased. I would like some one to tell me if plants can stay out all winter, or if I had better take up and keep in greenhouse till spring.

Maude.

Rice Co., Kans., Aug. 1, 1901.

[ANS.—Place a thick layer of coal ashes about the plants, and leave them undisturbed. Remove the ashes and prune in spring.—ED.]



### GRANDMOTHER'S BALM.

When the orchard rings with sparrow's song,  
And the fields their green are showing,  
Under the plum tree all summer long  
Grandmother's Balm is growing;  
And she touches the bright red flowers,  
And she pinches the fragrant leaves,  
And it takes her back from the present hours  
To a web that her memory weaves.

The pictures of days when her life was young,  
The lessons her mother taught her;  
The cool, deep well where the bucket hung  
And her face looked back from the water  
There reflected her pink calash,  
When the mirror was deep and calm,  
Her ribbons and frills and a rose-hued sash  
That were dyed with the flowers of Balm.

And then through the days of the passing years  
How often the sun was shining!  
And even the worries and cares and fears  
Were clouds with a silver lining;  
She blesses the Lord for her lot,  
For the home that was peaceful and calm,  
And her babes that played round the garden  
spot  
And gathered her flowers of Balm.

Oh the garden is rich in color and grace  
Where beautiful flowers are glowing,  
But dearer to me is the shady place  
Where grandmother's Balm is growing;  
For she touches the bright red flowers,  
And she pinches the fragrant leaves  
And it takes her back through the happy hours  
In the web that her memory weaves.

*Florence Josephine Boyce.*

*Washington Co., Vt., Sept. 14, 1901.*

**To Keep Tulips in Bloom Longer.**—I was told never to let Tulips go to seed, to pick the seed pod off as soon as the petals had fallen. If left it would spoil the blooms for another season. When my Tulips were nearly gone, I went to the bed and picked off all seed pods, and as there were but few flowers left, I snipped the seed out of them also, leaving the flower perfect. By thus doing, I stumbled upon a fine way to keep them in bloom longer. These Tulips made a fine show two weeks longer. The double Tulips that came later, I treated in the same way, and so long did they stay I thought the petals would never fall.

*Eliza Bradish.*

*Worcester Co., Mass., July 12, 1901.*

### DAFFODILS, JONQUILS AND NARCISSUS.

**P**LANT them in groups of several bulbs and the tops will then be strong, all together, in piercing the soil, to bloom early. Make the ground tolerably rich. Spade it deeply and be sure to have it well drained and situated in a sunny place. Stagnant moisture and shade will be sure destruction to the bulbs. Mulch the ground heavily after planting the bulbs. The three together make a remarkably bright spring garden. Daffodils and Jonquils differ in form and color. Daffodils are Primrose-yellow with large, protruding trumpets and narrow, spreading perianth. Jonquils are cup-and-saucer shape, the cup small, and saucer-shaped perianth broad and spreading. The color of the Jonquil is deep chrome yellow, rich and striking. Both of these early flowering, very hardy bulbs belong to the Narcissus type. There are pure white and cream tinted Narcissus, with deep yellow cup, and one kind, *N. Poeticus*, has the yellow cup distinctly edged with bright scarlet. There is a choice, double, white-and-yellow sort, very double, that every garden should have.

*Mrs. G. T. Drennan.*

*New Orleans Co., La., Sept. 16, 1901.*

**Remedy for Plant Lice.**—Take a large tight wooden box, put three or four quarts of tobacco stems in the bottom, and sprinkle with a little hot water. When you find a plant with lice on it, put it in the box and let it remain for twenty-four hours, when you will find them all dead. You may have to repeat this once or twice. No dirt, no smoke, and but little trouble, and the plants come out of their prison as bright as need be.

*Louise Payson.*

*Knox Co., Me., April 9, 1901.*

**Mars Geranium.**—No mistake will be made in ordering a Mars Geranium. I obtained one over a year ago, and it has never been out of buds or blossoms, generally both, at any time. It is a lovely pink single Geranium. The only complaint I can have against it is, the small size of the plant. The blossoms are large and borne well above the foliage, making it a fine plant to furnish cut flowers.

*Pansy.*

*Vermillion Co., Ind.*

**Planting Bulbs.**—Fall is the time to plant bulbs. Indian Summer prolongs its duration late into autumn, and is the ideal time for bulb planting. But later, until Christmas, bulbs may be potted, in succession. Out-door beds and borders may be filled with them until freezing weather.

*Mrs. G. T. Drennan.*

*New Orleans Co., La., Sept. 16, 1901.*



## FLOWERS.

**I** POPULAR author says, "Flowers are necessary to make a comfortable house a cozy home." Many a poor, shabby house has a window of plants or perhaps only one flower, yet we see here the love for the beautiful, the desire to brighten the home, and a reaching out after better things by one of its inmates. We can find a different home, which is richly and expensively furnished, and yet without flowers to brighten it, it will always lack the true home finish. It is strange to notice the soothing, quieting influence of flowers on a home and its inmates. The housewife becoming tired with the monotonous round of duties finds rest and enjoyment in tending her flowers. The tired husband coming home from his long hot day's work, finds that it makes him feel like a new man to hoe a little in his garden in the cool, fresh air scented with flowers. So beneficial and helpful is the influence which they exert. Let us make our homes abound with them. Let us flood the hospitals with them, send them to the sick child, and to the aged, and make their influence be felt everywhere, for there is nothing so cheering, so brightening as a fresh, dainty nosegay.

Prudence Austin.

Montgomery Co., Ohio, July 10, 1901.

**Lobelia Cardinalis.**—This is a very pretty wildflower, and is very scarce here, only a few plants growing in a place, usually near the water. The flowers, which are produced late in summer, are of the deepest scarlet color. It could probably be improved by cultivation, but as it is, it is well worth growing. A writer, in describing the Cardinal flower in the FLORAL MAGAZINE several years ago, said if it were a foreign species that people would rave over its beauty. This is undoubtedly true, as many plants not half as beautiful as many of our native species are catalogued as wonderful novelties. A great many of our native wildflowers are well worthy of more attention than is usually given to them. They are easy to grow and are much improved by cultivation.

W. C. Mollett.

Martin Co., Ky., July 18, 1901.

[NOTE.—Just here let the Editor call attention to the beauty of the common blue Lobelia, *L. siphilitica*, which is found in bogs, and along the banks of streams. The flowers are almost as large as those of the Snapdragon, and borne in long spikes. The plant is of pyramidal form, and of very easy culture. It is a grand companion for its taller and more brilliant rival.—Ed.]

**Smilax.**—I planted Smilax seeds a year ago last spring, and last winter the plants limbed almost to the top of my large bay window, a mass of lovely green, much admired.

Mrs. T. G. M.

Muscataine Co., Iowa, Sept. 9, 1901.

## A TINY GREENHOUSE.

**I**F you have a few choice cuttings or tiny seeds and wish to make very sure of them, try this plan. Get the largest obtainable flower pot, let us suppose that it measures twelve inches in height, on the bottom of this pot invert another something like four inches tall. Fill in the space about this with drainage material—stones, bits of broken pots and charcoal. On the inverted pot place another in proper position, the slimest and straightest you can find, with the drainage hole filled with cotton. Fill the space around this with finely sifted soil or a layer of sharp sand. The cuttings or seeds are carefully placed in the soil and a bell glass or large glass dish, of convenient shape, is turned over the large pot after the small central one is filled with rain water. A few very delicate Ferns may be grown in this way, but the handy little arrangement is chiefly valuable as a "propagating house."

E. F. W.

Iredell Co., N. C., Aug. 27, 1901.

## HORSE BUCKED.

## Rider Severely Hurt.

A Cincinnati man visiting in Texas, on a ranch, was thrown from a horse and so severely injured that his life was despaired of. He takes pride in telling how food saved his life. The heavy drugs given seriously injured his stomach and as he says "It seemed I would soon have to starve in the midst of plenty. My stomach refused to digest food and I ran down from 165 to 133 pounds. When my appetite failed I was ready to give up, and it looked as though I would soon 'wink out.'"

One morning the foreman's daughter brought in what she called a splendid food and it turned out to be Grape-Nuts. A little skeptical I ate it and found it was good, and just the kind of food I could keep on my stomach which had been almost burned out by the vile drugs.

I felt that I had obtained a new lease of life for improvement set in at once. A week later I was weighed and had gained two pounds. My weight has since steadily increased by the constant use of Grape-Nuts, and I am better now than I have been in years, as my friends will all testify.

In all kinds of athletic sports I notice I have a greater reserve force than formerly, for which I am indebted to Grape-Nuts. Taken in moderation it is the greatest food of its kind in the world, being equally well adapted to athletes and invalids." Paul Alwin Platz, 1906 Biglow Ave., Mt. Auburn, Cincinnati, O.

## A BED OF THE IRIS.

THESE are hardly any of the hardy bulbs grown that can equal in gorgeous coloring the Iris when in bloom. Their blooming period is short, and flowers are not very lasting, but with care in the selection of varieties one can have them in bloom for at least one month in the early spring. A garden minus the Iris bed is incomplete. They can be given a conspicuous place, as the light, grassy, green foliage remains green until October, and is never unsightly. Much space is given in the catalogues to the Japan or Kämpferi, and some florists offer this variety to the exclusion of all others, yet the old German sorts are as handsome as they can be, and bloom two weeks earlier than Kämpferi, blooming in this latitude by the fifteenth of April. There is a rich blending of delicate colors here, to be found in no other flower. In form these are entirely different from the Japan Iris, and are much earlier and more Orchid-like. This species is perfectly hardy, and requires no more protection than their own foliage, which falls down over them after frost. The roots should be planted near the surface of the ground, only a slight covering of the soil being necessary. Blue is the predominating color here. There are the lavenders with purple falls, pure whites veined and penciled with blue, smoky pearl with blue falls, then the yellow and bronze. The flowers of the Japan Iris are much larger, and are almost flat in shape. All Iris like moisture, and thrive in a situation at the edge of ponds or lakes. Recently, I passed a home where a shallow brook flowed through the back yard and the borders of this were edged with Iris, making this spot a dream of loveliness during May and June. The perfume of the Iris is exquisite, and unlike that of any other flower grown. The Iris Siberica is very pretty, blooming after the German sorts have gone and just before the Japans come. The Spanish Iris is very pretty as a pot plant, and a good bloomer for this purpose, but is not very showy for outside planting. The Iris bed, like the Lily, once planted, is no further trouble, and will last a life time. This can be planted as late as November the fifteenth in most localities. Laura Jones.

Lincoln Co., Ky., Aug. 27, 1901.

[NOTE.—Nearly all species of Iris, as I. Germanica, I. Kämpferi and I. pumila, delight in rich, moist soil, almost or quite boggy. They are found in such soil in their native place. In a cold climate, however, a dryer place is necessary in winter, as the plants are sometimes injured by repeated severe frosts.—Ed.]

**Should be Grafted.**—Seedling Orange and Lemon trees should be grafted to promote early fruiting. Life is too short, and natural fruiting too uncertain to neglect the grafting of those trees

## ECHINOCYSTIS LOBATA.

THE seed of Echinocystis, or Wild Cucumber, should be sown early in September. After the plants are about three inches high place a board on top of them. This seems wicked to do after they are started so nicely, but it will bring success. In the spring, when it is warm enough, remove the board and let them run on strings like Morning Glories. When the seeds have ripened and dropped out take the pods and soak them in luke warm water, then carefully remove the outside skin and let them dry. These, when placed in a fancy dish, make quite an ornament for the sitting room table, as they are a curiosity to all who see them. Molly.

Cayuga Co., N. Y., July 31, 1901.

## TAKE A RECORD.

### See How Many Friends Are Hurt by Coffee.

It would be just as reasonable for a temperance advocate to drink a little diluted whiskey as to drink coffee, for one is as truly an intoxicant as the other, and persistence in the use of coffee brings on a variety of chronic diseases, notorious among which are dyspepsia, heart palpitation (and ultimately heart failure), frequently constipation, kidney diseases, many cases of weak eyes and trembling condition of the nerves.

This is only a small percentage of the great variety of diseases which come from an unbalanced nervous system, caused by the persistent daily use of the drug caffeine, which is the active principle of coffee. Another bit of prima facie evidence about coffee is that the victims to the habit find great difficulty in giving it up.

They will solemnly pledge to themselves day after day that they will abandon the use of it when they know that it is shortening their days, but morning after morning they fail, until they grow to despise themselves for their lack of control.

Any one interested in this subject would be greatly surprised to make a systematic inquiry among prominent brain workers in America. There are hundreds of thousands of our most prominent people that have abandoned coffee altogether and are using Postum Food Coffee in its place, and for the most excellent reasons in the world. Many of them testify that ill health, nervous prostration, and consequently inability to work, has in times past, pushed them back and out of their proper standing in life, which they have been able to regain by the use of good health, strong nerves, and great vitality, since coffee has been thrown out and the Postum put in its place.



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# Park's Floral Magazine

Has been continuously published by its founder and Editor for more than 30 years—ever since his boyhood. It is today the most popular Journal of its class, having a monthly circulation of more than 354,000 copies. During the coming year it will be printed upon a new perfecting press made expressly for it by Messrs. R. Hoe & Co., of New York, and improvements will be made during the year which will add to its appearance and usefulness.

The Editor and Publisher closes the year with feelings of gratitude to his hosts of friends, who have favored and supported him during his long business career. They are, indeed, friends dear to his heart, and he would gladly meet and clasp hands with them all. This, however, would be impossible, and he will endeavor to express his feelings by more earnest endeavors in the service of his esteemed patrons. He closes this volume by sincerely wishing his many friends and subscribers, one and all, a most happy and prosperous New Year. Blessed with good health and an abundant store of energy, the Editor and publisher will enter upon the duties of the New Year with renewed zeal, and hopes in the near future to add many thousands of enthusiastic flower lovers to his big floral family. Sincerely and Florally,

Libonia, Pa., December, 1901. **GEO. W. PARK, Editor and Publisher.**

## BACK VOLUMES.

Until further notice I will supply back, unbound volumes of Park's Floral Magazine from 1890 till 1901, except 1891, at 25 cents per volume, or, if a full set is ordered the volume for 1891, and the volumes for 1888 and 1889, of which I have but a few copies, will be included at same price, 25 cents each. If ordered alone the three volumes specified will be 50 cents each, till sold. The volumes are all indexed, and are an Encyclopædia of floral and botanical information. Address

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## CORRESPONDENCE.

Dear Mr. Park:—I want to tell you of a Rose bush I have, which, to me at least, is a curiosity. It was purchased several years ago, and was listed in the catalogue as "Madame Bouton," a deep pink in color. The first two seasons the bush yielded a very few deep pink roses; the next year I counted seven shades, ranging from deep pink to pure white; the next year the flowers were mostly variegated; the next year they were parti-colored, one-half of the rose pink, the other white. They are cluster roses, and last year it was a common thing to see clear white, clear pink, striped and parti-colored flowers all growing on the same stalk. This year there are no deep pink ones; only a few delicate pink and lavender ones, and a few parti-colored, but the majority are pure white. It is considered quite a curiosity here. They are very double and quite fragrant. Is it a hybrid, or what causes the difference in color? No fertilizer has ever been used; the bush has always been the same. E. M.

Rutland Co., Vt., July 3, 1901.

Ans.—Madame Bouton is a Hybrid Perpetual Rose, vigorous in growth, and bearing large, full, fragrant, cherry-crimson flowers. The plant described is interesting because of its sporting character. If that variable character could only be relied upon it would be a valuable novelty.—Ed.

## BRIEF ANSWERS.

Asparagus Sprengeri.—This species of Asparagus will grow continuously if given a moderately warm temperature. It can also be given a season of rest in the winter, as recommended by some, but when so treated it will lose a portion of its branches.

Wallflowers.—Where the climate is not severe they may be safely left in the garden. At the North, however, it is better to pot them and set in a protected place, or else protect them by a good covering in the bed where they are growing.

Cactuses in Winter.—Give Cactuses just enough water during winter to keep the plants from drying or wilting.

## QUESTION AND ANSWER.

Dear Mr. Park:—I enclose you a leaf from Park's Star Flower measuring with the opposite leaf 48 inches across. Please tell me how that is for size. I did not get the seedling until July, and did not think it would amount to much, set it in an unfavorable situation, but took good care of it. Next year I must eclipse this one, and would like to know when to start the seeds.—Mrs. F. P. S., Que., Can.

Ans.—The leaf received is certainly a fine specimen. The seeds are generally sown in April to produce the best results.—Ed.

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ACT? We give it free to anyone for selling 15 pieces of our handsome jewelry, for 10c. each; (each set with an exquisite jewel). Regular price 25c. each. Simply send your name and address and we will send you the 15 pieces of jewelry postpaid. When sold send us the \$1.50, and we will send you the handsome watch. We trust you and will take back all you cannot sell. We propose to give away these watches simply to advertise our business. No catch-words in this advertisement. WALTER S. SIMPSON, New York.

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no matter where it is. Send description and cash price and get my wonderfully successful plan. W. M. OSTRANDER, North American Bldg., Philadelphia, Pa.

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Our 200-page book "The Origin and Treatment of Stammering" sent free to any address. Enclose 6 cents to pay postage. LEWIS STAMMERING SCHOOL, 36 Adelaide St., Detroit, Mich.



Rain and sweat have no effect on harness treated with Eureka Harness Oil. It resists the damp, keeps the leather soft and pliable. Stitches do not break. No rough surface to chafe and cut. The harness not only keeps looking like new, but wears twice as long by the use of Eureka Harness Oil.

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Sold everywhere in cans— all sizes. Made by Standard Oil Company

## Canaries

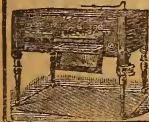
We have this year visited the leading canary breeders and trainers in Germany, and imported as fine a lot of trained singers as were ever brought to America. They are beautiful, hardy birds, with wonderfully soft, clear musical voices.

Catalogue of canaries, parrots, and other birds, 200 illustrations, very complete, free if you mention this paper. IOWA SEED CO., Des Moines, Iowa.

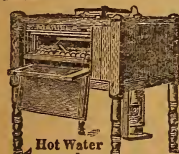


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They take care of them. Mails loaded with words of praise from chicken people. Our great catalogue turns the lime light on the poultry business. Five different editions, five languages. English edition 4 cents, others free.



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## Satisfied People. That's the kind that run the

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If they are not satisfied we refund their money. Larger hatches, perfect system of regulating temperature, moisture and ventilation. All these points explained in our catalog. Sent for two 2c stamps.

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## GOOD RESULTS.

To be absolutely sure about the use of the RELIABLE INCUBATORS & BROODERS. If the eggs are right, you can't make a mistake. Just follow instructions—the Reliable will do the rest. OUR 20TH CENTURY POULTRY BOOK, mailed for 10c, tells all about it and other things you should know. We have 115 yards of the thoroughbred poultry, RELIABLE INC. & BROOD. CO., Box B 97 Quincy, Ill.

## GOSSIP.

Wallace Lilies.—Dear Flower Folks: I did have some of those prolific Lillium Wallacei. I had them five years, with never a bloom. The increase was something wonderful. For all those years I had faith to see them bloom, and divided and reset until the Lily bed had a solid frontage of Wallaceis. Aren't they grand, I thought, and how lovely they will sometime be. Last fall I became a "doubting Thomas", as another year passed with nothing but bulbs, and dug up, what the boys would call, "the whole shooting match", planting mixed Crocus bulbs in that Lily frontage. I feel very certain that now I shall have flowers to reward my care with a reasonable amount of increase below ground. Wallace Lilies are, no doubt, beautiful in some far distant clime. If I was going into the "bulb business" for profit I would plant largely of these Lilies. Lily Little.

Chautauqua Co., N. Y.

Dahlias.—Dear Band: There is no mistake about the New Agnew Dahlia being a great bloomer. Such large flowers, too, of an intense red. Baron Schroeder is a very large purple one, and C. W. Bunton a large yellow. I think Grand Duke Alexis the finest of all Dahlias. It is so large and every petal so perfectly folded. Mrs. Tait is white with curiously twisted petals like some Chrysanthemums. Mrs. Cleveland is a dainty lavender color. I used to have a bright red Dahlia. It was so double, perfectly round, and the bush would hang so full of them as to seem all aflame. But I lost it many years ago. I can never get it again. This has been a great season for Dahlias. Plenty of rain makes them grow and bloom, but woe unto them if you don't have them tied to a good, strong stick well set in the ground. That worm that bores into the stalks is a great nuisance. They have killed several of my finest Dahlias this summer. I didn't suspect the rascal until his mischief was past remedy. Next year I'll have two stalks to the roots. I think they show up better planted in groups of five or six of one kind. I have a bed of Wm. Agnew with a row of White Dove (Pompon), around. "It beats the Canna beds all hollow", as the boy says. The Pompoms are satisfactory for bedding purposes, so are the single, large-flowered ones. M. M. T.

McDowell Co., N. C., Sept. 22, 1901.



## 200-Egg Incubator for \$12.30

Perfect in construction and action. Hatches every fertile egg. Write for catalogue to-day. GEO. H. STAHL, Quincy, Ill.

200 EGG 2 SELF-REGULATING INCUBATORS IN ONE, Hatch every good egg. 50 eggs \$5.00 Send 2c for BANTAM 30 Days Trial. 100 eggs \$9.50 No. 46 Catlg. \$15. BUCKEYE INCUBATOR CO., SPRINGFIELD, OHIO.



## DON'T SET HENS

when our new plan beats it 10 times. 100 Egg Hatcher Costs Only \$2. Over 94,000 in use. 100,000 sets in 5,000 agents wanted for 1902, either sex. Pleasant work, big profits. Catalog and 10c Egg Formula FREE if you write today. Natural Hen Incubator Co., B 56, Columbus, Neb.

## \$3 a Day Sure

Send us your address and we will show you how to make \$3 a day absolutely sure; we furnish the work and teach you free, you work in the locality where you live. Send us your address and we will explain the business fully, remember we guarantee a clear profit of \$3 for every day's work, absolutely sure. Write at once. ROYAL MANUFACTURING CO., Box 532, Detroit, Mich.

## FREE!

We give every girl or woman one of our rolled gold-filled solitaire Puritan rose diamond rings, a full gold pattern, for disposing of 50 packages of Garfield Gump Gum among friends at 5 cents a package; simply send name; we mail gum; when sold send money and we mail ring, which few can tell from a genuine \$75 diamond; we take pump buck if you can't tell. THE GARFIELD GUM CO., Dept. 11 Meadville, Pa.



## CHILDREN'S CORNER.

Dear Mr. Park:—My papa is a subscriber to your Magazine. I love to read the Children's Corner, especially. I am a little girl twelve years old. I have gotten three trial subscriptions for your Magazine, and flower seeds. Please send me the Star Flower as a premium.

Franklin Co., Ark.

Lula Price.

Dear Mr. Park:—I am a little girl eleven years old. My grandma takes your Magazine, and she likes it very much. I like to read the letters in the Children's Corner. I go to school, and am in the fifth grade. I love flowers very much.

Florence L. Bennett.

Hampden Co., Mass., March 10, 1901.

Dear Mr. Park:—I am a little girl eight years old. I go to school every day. Mamma takes your Magazine, and I love to read the Children's Corner. Mamma has a windowful of nice flowers that she bought of you. I love flowers very much.

Columbia D. Lamring.

Shelby Co., Iowa.

Dear Mr. Park:—I am a little girl of thirteen years, and am very fond of flowers. I have a red bird for a pet. It is very pretty. I have three little brothers younger than I. They are all very fond of flowers. When Mamma and I plant our flowers they always help us. We have a good many pretty flowers this winter. The Geraniums are just lovely. Every flower we have we bought of you. Mamma takes your Magazine. I like to read the Children's Corner so much. I do not see how we could get along without it. Everyone admires our flowers. Please send me a subscription list and I will try to get a club for you.

Ethel Montgomery.

Wyne Co., Mo.

Dear Mr. Park:—Mamma has been taking your Magazine for six or seven years, and thinks she cannot get along without it. It has taught her so much about plants. We often commit to memory some of the little poems in your Magazine, and speak them at our school. I am thirteen years old. I have three brothers. I am the oldest. For a pet we have a little black Indian pony. We have a lot of house plants. I have a little flower garden, and raise lots of flowers.

Benton Co., Iowa.

Louise H. Loizeaux.

Dear Mr. Park:—I am seven years old. I like Roses and Violets, the best of all flowers. They grow wild in this country. I have an old horse, his name is Frank. I like to ride him very much. I have a brother named George. I have a doll carriage. I have a little kitty. Its name is Pussy-blue, and it sleeps in the doll carriage.

Burt Co., Neb.

Kate Hanson.

## QUESTIONS.

Heliotrope.—Two Heliotropes have died for me of black rust. I picked the leaves off as soon as the rust appeared, but the new leaves were quickly affected, and the plants finally died. Will someone give a remedy?—Mrs. M., Kings Co., N. S.

Button Rose.—Can anyone tell me where I can get the old-fashioned Red Button Rose?—Mrs. H. Hoffner, Mt. Kisco, N. Y.

Roses.—How shall I start the Mountain Rose and Bird's-Eye Rose?—Mrs. W., Pa.

**AGENTS WANTED** to take subscriptions for **PARK'S FLORAL MAGAZINE**. Liberal cash terms. Address **GEO. W. PARK, Publisher, Libonia, Franklin Co., Pa.**

# NEW CURE FOR FITS

If you suffer from Epileptic Fits, Failing Sickness or St. Vitus' Dance, or have children or friends that do so, my New Discovery will CURE them, and all you are asked to do is to send for my **FREE REMEDIES** and try them. They have cured thousands where everything else failed. Sent absolutely free with complete directions, express prepaid. Please give AGE and full address.

**DR. W. H. MAY,**

94 Pine Street.

New York City.



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Learn to Hypnotize! Wonderful, Mysterious, Fascinating! I teach you how to become a Hypnotist so that you can exert a strange and magic influence over others. Celebrated instantaneous method, discovered and taught only by me. Easily and quickly learned. You can perform astonishing feats and produce fun by the hour. Surprise all your friends and make yourself famous. You can give entertainments and make money. Gratifies every ambition, compels others to love and obey you, and brings health, happiness and success in life. Cures diseases and bad habits. Costs nothing to find out all about it. Send for my big **FREE BOOK**, which treats on all the wonders, secrets and mysteries of the art. Most wonderful and fascinating book ever published. Contains hundreds of pictures and shows you just how to become a Hypnotist. Remember this great book is **FREE**. Send your name and address and I will send it by return mail, all charges paid. **Prof. L. A. Harraden JACKSON, MICHIGAN**

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We will pay the above amount in cash prizes, besides paying 40 per cent. commission. Send name and address and write us agreeing to work for us honestly and we will send outfit free, all charges prepaid. This offer does not apply to Chicago or its suburbs. **1st Prize, \$1,000; 2d Prize, \$500; 3d Prize, \$250.** Full particulars of other prizes sent with outfit. **WRITE TODAY. YOU MAY WIN \$1000. HOUSEHOLD GUEST CO., Dept. 121, Chicago, Ill.**

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## A NEW CURE FOR KIDNEY AND BLADDER DISEASES, RHEUMATISM, ETC.

Disorders of the Kidneys and Bladder cause Bright's Disease, Rheumatism, Gravel, Pain in the Back, Bladder Disorders, difficult or too frequent passing water, Dropsy, etc. For these diseases a Positive Specific Cure is found in a new botanical discovery, the wonderful Kava-Kava Shrub, called by botanists, the Piper Methysticum, from the Ganges River, East India. It has the extraordinary record of 1,200 hos-

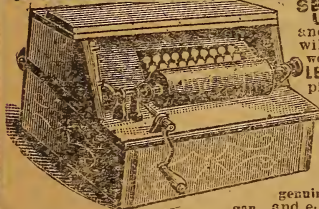


James Thomas, No. 120 E. St. N. W., Washington, D. C. pitil cures in 30 days. It acts directly on the Kidneys, and cures by draining out of the Blood the poisonous Uric Acid, Lithates, etc., which cause the disease.

Rev. John H. Watson, testifies in the "New York World," that it has saved him from the edge of the grave when dying of Kidney disease and terrible suffering when passing water. Mr. James Thomas, Esq., of the Board of Review Bureau of Pensions, Washington, D. C., writes: Was cured of a usually fatal Kidney Trouble after many physicians had failed and he had given up all hope of recovery. Hon. R. C. Wood, a prominent attorney of Lowell, Ind., was cured of Chronic Rheumatism, Kidney and Bladder Disease of ten years standing by Alkavis. Many ladies including Mrs. E. R. Dinsmore, South Deerfield, Mass., and Mrs. James Young, Kent, Ohio, also testify to its wonderful curative power in Kidney and allied disorders peculiar to womanhood.

That you may judge the value of this Great Discovery for yourself, we will send you One Large Case by mail Free, only asking that when cured yourself you will recommend it to others. It is a Specific and cannot fail. Address, The Church Kidney Cure Company, 521 Fourth Ave., New York.

## \$2.95 ROLLER ORGAN



SEND US \$2.95

and this ad and we will send you this wonderful GEM ROLLER ORGAN complete with one roll of music, by express. After received it you do not find it perfectly satisfactory return it exactly as represented, the genuine Gem Roller Organ, and equal to such instruments sold by others at double the money, return it to us and we will return your money, including what you paid for express charges. Express charges are only 50 to 75 cents.

**THE GEM ROLLER ORGAN** plays any tune arranged for it. Extremely simple, a child can operate it; made of especially selected materials, given a handsome walnut finish, decorated in gilt, is 16 inches long, 14 inches wide and 9 inches high; weighs boxed, 15 lbs. Has hard steel keys, steel gears, very finest mechanism throughout. Operates on the same principle as the finest Swiss Music Boxes. The reeds are organ size and give out a volume of tone as full and sweet as a big organ. We furnish one roll of music FREE with every organ. \$2.95 is the lowest price ever attempted for a fine roller organ, the greatest value ever furnished in a mechanical musical instrument. Over 500 other popular pieces furnished at 18 cents each. Enclose 18 cents for each additional roll. ORDER AT ONCE. Write for FREE Music Catalogue. Address, SEARS, ROEBUCK & CO., CHICAGO, ILL.

## GOSSIP.

Dear Flower Folks:—Shall I tell you of some tall growers before frost claims them? Anyway, I'll begin with a Dahlia ten feet and four inches tall; beautiful, double, dark red and immense blooms nodding in obeisance to each passing breeze; dainty, white Cosmos wave to and fro ten feet in the balmy air. Chrysanthemums are going to compel us to respect them by looking up to them, as they will unfold their beauty more than seven feet above. Pretty Zinnias and orange-colored Marigolds are pushing upwards from six to seven feet. "California friends need not read this." Emmett D. Highsmith.

Sampson Co., N. C., Oct. 9, 1901.

Dear Floral Folks:—I am one of the "few men" who love and cultivate flowers. My flower garden is a source of much pleasure, and I greatly enjoy it. I think Mr. Park must lead a beautiful life surrounded by those floral beauties for the want of which many a heart aches.

F. Georgians.

Aug. Co., O., Sept. 1, 1901.

## MAGAZINE APPRECIATED.

Mr. Park:—I am a lover of flowers, and of your Floral Magazine, which I have taken for ten years.

Mrs. H. Hoffmer.

Westchester Co., N. Y., May 16, 1901.

Mr. Park:—I have taken your Magazine for one year and think it one of the best published, as it has such good articles, well written and useful.

Mrs. Wm. E. Hall.

Morgan Co., Ill., Jan. 18, 1901.

## Drunkenness Cured!

## Package Sent Free.



Any woman can cure her husband, son or brother of liquor drinking by secretly placing this remedy in his coffee, tea or food without his knowledge, as the remedy is entirely odorless and tasteless. Any good and faithful woman can wipe out this fearful evil and permanently stop the craving for liquor, as did Mrs. R. L. Townsend, Box 13, Swartz, La. For years she prayed to her husband to quit drinking, but finally found that it was impossible for him to do so with his own free will, as he was an inveterate drinker, and hearing of this remarkable cure she determined to try it. Mrs. Townsend says that before she gave her husband half a box of Milo Tablets he lost all desire for whiskey; the sight or odor of whiskey now makes him deathly sick. It is surely a wonderful discovery that cures a man without his knowledge or intention. Mrs. Townsend's word of gratitude is only one of the thousands in possession of this company. Any one who will send their name and address and a 2c. stamp to cover postage to the Milo Drug Co., 70 Milo Building, St. Louis, Mo., will receive by mail, sealed in plain wrapper, a free package of this wonderful remedy and full instructions how to cure the drink habit.



## GOSSIP.

Dear Band:—I had a mind to express myself concerning the new "Giant" Pink Hybrid Moon Flower, which is no giant in any sense, having a flower only one and one-half inches in diameter, of a washed out pink color, which opens after one has gone in-doors at night and closes before one is up in the morning. Laughed to scorn by the Pandurata which it could never out pace. I was also about to whisper in your ears, that the Nicotiana Sylvestris could never replace in my affection the ever faithful Affinis, since for two seasons two separate members of the Sylvestris family have refused to adorn themselves with a single flower at my behest. The first actually dying of homesickness the first winter, and the second stands pouting now in a corner of the plant window, refusing to be comforted. I was about to say this, but as it is more pleasant to praise than to blame, I turn to the remarks of Mr. C. E. Parnell in the November Magazine, relating to the Acalypha Sanderiana. This plant did not come to us with beat of drums, blow of trumpets, and salute of artillery, like the Lantern Plant; yet has proved its worth as a house or garden plant, under most adverse conditions. I have before me a plant obtained two summers ago. It stands on a shelf before a window that looks nowhere in particular, not five feet from a coal stove, and still shows its fluffy red bloom undaunted. Both seasons it remained out-of-doors all summer. Rain will not spoil its blossoms, or sun wither its leaves. So if Mr. Parnell's landlord, or builder, has neglected to add a greenhouse as one of the improvements to his abode, or failed to have all the windows facing South, he need not be discouraged; this Chenille Plant will survive with ordinary care. Snapdragon.

Kings Co., N. Y., Nov. 12, 1901.

## Hay-Fever and Asthma Cure--Free.

Our readers who suffer from Asthma will be glad to know that a positive cure has been found for these diseases in the Kola Plant, lately discovered in West Africa. The cures wrought by this new botanic agent are really marvelous. Among others the editor of the "Farmer's Magazine," of Washington, D. C., Mr. Alfred Lewis, testifies that after many years suffering, the Kola Plant completely cured him. He was so bad that he could not lie down night or day for fear of choking. Mr. Wm. Kuhler, Sr., and son, of Warrentown, Mo., Mr. C. E. Cole, Oradell, N. J., Miss Mary Troy, Whitechurch, Ontario, Canada, suffered for years with Asthma, but were completely cured. Rev. John L. Moore, Alice, S. C.; Mr. Frank C. Newall, Market National Bank, Boston, and many others give similar testimony of their cure of Asthma, after five to twenty years suffering, by this wonderful new remedy. If you are a sufferer we advise you to send to the Kola Importing Company, No. 1164 Broadway, New York City, who to prove the wonderful power of the Kola Plant, will send every reader of PARK'S FLORAL MAGAZINE who needs it a Large Case by mail entirely free. It costs you nothing and you should surely send for it.

## CATARH CAN BE CURED.

Catarh is a kindred ailment of consumption, long considered incurable; and yet there is one remedy that will positively cure catarrh in any of its stages. For many years this remedy was used by the late Dr. Stevens, a widely noted authority on all diseases of the throat and lungs. Having tested its wonderful curative powers in thousands of cases, and desiring to relieve human suffering, I will send free of charge to all sufferers from Catarrh, Asthma, Consumption, and nervous diseases, this recipe, in German, French or English, with full directions for preparing and using. Sent by mail by addressing, with stamp, naming this paper, W. A. Noyes, 847 Powers Block, Rochester, N. Y.

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## A CHANCE TO MAKE MOMEY.

I have been selling Perfumes for the past six months. I make them myself at home and sell to friends and neighbors. Have made \$710. Everybody buys a bottle. For 50cts. worth of material I make Perfume that would cost \$2.00 in drug stores. I also sold 125 formulas for making Perfume at \$1.00 each.

I first made it for my own use only, but the curiosity of friends as to where I procured such exquisite odors prompted me to sell it. I clear from \$25.00 to \$35.00 per week. I do not canvas; people come and send to me for the perfumes. Any intelligent person can do as well as I do. For 42cts. in stamps I will send you the formula for making all kinds of perfumes and sample bottle prepared. I will also help you get started in the business.

MARTHA FRANCIS.

11 South Vandeventer Ave., St. Louis, Mo.

## Free Beauty Producer!

## A Trial Package Free

This new discovery not only produces a permanent, clear and refined complexion, but smooths out the lines of time that creep about the eyes and mouth; it rounds



out the hollow places, cleans the skin of all imperfections, such as pimples, freckles, sallow complexion, red nose, blotches, etc., and brings on a radiant, perfect beauty. It is not a face powder, cream, cosmetic or bleach, and contains neither oil, grease, paste or poisons of any kinds, but a purely vegetable discovery, and leaves the skin soft and velvety.

MISS VIOLA HILL of Pattonville, Mo., writes: "I was so embarrassed with blackheads and pimples that I would not go into society. I flooded my home with complexion remedies, but my complexion defied them all. I sent for a package of Beauty Producer, and in two weeks' time there was no trace of a pimple, blackhead or blotch on my face or neck. My skin is without blemish or wrinkle anywhere." Anyone sending their name and address and 4 cents to cover postage, to Mrs. Josephine LeBlanc, 45 Hall Bldg., St. Louis, Mo., will receive a free package of this wonderful beautifier in a sealed wrapper by mail prepaid.

## Every Lady Read This.

I will send free a positive cure for all female diseases, irregularities etc. A simple home treatment, a common sense remedy that never fails. FREE with valuable advice. Mrs. L. M. HUDNUT, South Bend, Ind.

**AGENTS** Money maker, Large Profits, Advancement, Honest Business, Terms and box of Samples FREE. Write A. H. LEWIS MEDICINE CO., ST. LOUIS, MO.

**\$300** Genuine Conf. money for \$1, \$100 for 50c. R. MAXWELL, Box O, South Bend, Ind.

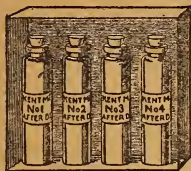


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IF YOU  
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ago I took your treatment and in less than 3 months **I LOST 70 LBS.** in weight and have not gained an ounce since." Miss Grace Smith, of Linden, N. Y. writes "Five years ago I took the Hall Treatment and was reduced **38 POUNDS** weight. The reduction is permanent, as I have not gained an ounce in weight since then." We will give **\$100 IN GOLD** to any one who can prove that any of our testimonials are not genuine. **DON'T** do anything or take anything until you hear from us; we have something important to tell you about how to **MAKE REMEDY AT HOME** at a trifling cost, and also other valuable information. To any reader of this paper who will write to us in plain sealed packet, once we will send full particulars **Treatment Free** upon receipt of four cents to cover postage, etc. Correspondence strictly confidential. Ad. all letters to Hall Chemical Co., Dept. 150, St. Louis, Mo.



## FOUR BOTTLES FREE!

We will send four bottles of our unrivalled remedy, securely packed in wooden box, like cut, no distinguishing marks, postpaid, **FREE**. This remedy, the result of many years of practice, study and experiment in leading European hospitals, is unsurpassed for the treatment and cure of **ALL BLOOD DISEASES** and the resulting different forms of Eruptions and Ulcers. We also send free valuable pamphlet describing the cause and growth of skin disease and the proper treatment of Pimples, Blackheads, Itching of the Skin, Eczema, Liver Spots, and all skin diseases, inherited or self-acquired, Loss of Hair, Ulcers, Running Sores, Pains of a Neuralgic or Rheumatic Nature, **BLOOD POISON**, etc. There is a certain cure for your affliction. **WRITE TODAY**

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Fannie B. Ralston, 628 Lexington Ave., Newport, Ky., says: "When I began using Abbott's complexion beautifiers I did not think it possible to clear my skin, my face was in a horrible condition, literally covered with red spots, pimples, black heads, moth patches and freckles. My skin is now perfectly lovely, and there is not a blemish or wrinkle anywhere."

It is not a face powder, cream, cosmetic or bleach, contains no oil, grease, paste, chemicals or poisons of any kind and is absolutely pure.

Fannie B. Ralston, grease, paste, chemicals or poisons of any kind and is absolutely pure. Write to Mme. M. Ribault, 2397 Elsie Bldg., Cincinnati, O., and she will mail free, prepaid, in a plain sealed wrapper a free package of her wonderful beautifiers and you will bless the day you wrote. Don't fail to write to-day.

## LADIES I Make Big Wages —AT HOME—

and you can readily do the same, for the work is pleasant and will easily pay \$18 weekly. I have often made \$5 a day. Even your spare time is valuable. This is no deception. I want no money and will gladly send full particulars to all sending 2c stamp. **MRS. A. H. WIGGINS, Box 23, Benton Harbor, Mich.**

## "WALNUTTA" HAIR STAIN

for coloring Gray, Streaked, Faded or Bleached Hair, Eyebrows, Beard or Moustache. **Instantaneous** effect, and **does not wash off or rub off**. Is not sticky or greasy. Contains no poisons. Give any shade from **Light Brown to Black**. Price **60 cents a bottle**, postpaid. To convince you of its merits we will send a **sample bottle postpaid for 20c**. **PACIFIC TRADING CO., Dist. Office 3, St. Louis, Mo.**

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## GOSSIP.

Dear Floral Friends:—I received some seed last spring as a premium with my Magazine. Of the eight or nine varieties only three kind germinated, and I was quite disappointed, and told my husband I should never again place confidence in premium seeds. The three that germinated were Dahlias, Hollyhocks and Marigolds. The Marigolds were the largest and handsomest I have ever raised; the Hollyhock grew finely and gave promise of an abundance of bloom for next year. Only one plant set up a flower stalk, and those were as handsome as any American Beauty Rose. The Dahlias were beauties, so large and double, only one of the dozen plants being single. There were several different shades of red, yellow, and yellow blotched with pink, and yellow with red stripes. My husband is very fond of flowers, although he does not assist in cultivating them, and he said "If I always get as much for my money as I did from these three packets of seeds I should be a very lucky woman." Every one who saw the Dahlias were surprised that I should have raised such beauties from seedlings. I have had more than a dozen large bouquets to present to my friends, and to-day there are still many blossoms.

Middlesex Co., Mass., Oct. 23, 1901.

Star Flower.—Dear Floral Band:—In April sent for a packet of the famous Star Flower. I did not sow the seeds until the last of May, and transplanted late in June, and having sickness the did not get much care, but at this date I have seven plants measuring six feet high with spike full of beautiful star-like flowers. The large leaves are twenty-one inches long and fourteen inches broad. It makes a beautiful center of back ground for a mound and is so fragrant. I am very proud of the plant. It has been admired so much. Next year I hope to have a large clump of the plants. **Mrs. Tulper.**

Huntendon Co., N. Y., Oct. 14, 1901.

## DISCOVERED BY A WOMAN.

I have discovered a positive cure for all female diseases and the piles. It never fails to cure the pile from any cause or in either sex, or any of the disease peculiar to women, such as leucorrhoea, displacements, ulceration, granulation, etc. I will gladly make a free box of the remedy to every sufferer. Address: **MRS. C. B. MILLER, Box 189, Kokomo, Ind.**

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## EXCHANGES.

S. F. Gross, 5221, Walton Ave., W. Philad'a, Pa., would like the address of flower-lovers in Arizona, Utah, Cuba and Mexico for mutual ex. of plants.

Mrs. E. Horton, Burnside, Mich., will exchange Golden Glow, Moss Rose, Red Dahlia, Amaryllis and Drinum for other flowers; write.

H. M. Case, Ft. Collins, Colo., has a variety of hardy and annual seeds to exchange for shrubs and seeds not in her collection; write.

Mrs. Jno. Cringan, School P. O., Va., has white and blue Violets, Tuberoses and Oxalis roots to exchange for Amaryllis and Cyclamen.

Joanna M. Little, Newbury, Mass., will ex. seeds of Early Cosmos, Balloon Vine, Allegheny Hollyhock and Clematis paniculata for a Haresfoot Fern.

Belle Morris, Mt. Zion, Ga., has rooted golden Honeysuckles and Cinnamon bulbets to exchange for other flowers not in her collection.

Mrs. Chas. Smith, 2232 Penn'a Ave., Denver, Colo., has many choice Dahlias and hardy shrubs to ex. for Lily bulbs, and other plants.

E. D. Highsmith, Harrell's Store, N. C., will ex. Swaney white Violets, Cape Jasmine and Tea seeds for named Chrysanth'ms, Paeonies, Gloxinias, Tulips, etc.

Mrs. Lewis Stickney, Nile, N. Y., has a variety of perennial seeds of annuals and Coleus, to exchange for Lily bulbs and Oxalis Ortgiesi; write.

Jane Holcomb, Pikes Creek, Pa., has Lemon Lilies and Cinnamon Vine to ex. for Buttercup Oxalis, or anything else in the flower line.

Mrs. M. C. Sparkman, Middle Fork, Tenn., has Sulphur or Silver Phoenix Narcissus and white Stella x. for Lilies, Camadeuse, Brownii, Umbellatum, etc.

Mrs. J. H. Stevenson, 36 Welton St., New Haven, Conn. has seeds and plants to ex. for Spider Lilies and plants not in her collection; write.

Dr. E. Everett, Madison, Wis., has Coreopsis lanolata roots and forest Ferns to ex. for Campanula pedum and other flower seeds.


Mrs. Jade Hardertry, Lowndes, Wayne Co., Mo., has pink, white and yellow Chrysanth'ms, Yuccas, Almond ex. for Golden Glow and Lilies of the Valley; seeds. Mrs. A. Crossthwaite, Bartonville, Ont., Can., will ex. native Ferns for plants, bulbs and flower seeds.

Dear Flower Lovers:—Let me tell you about my Caladium. It is just two years old, and last evening I was surprised to find an immense bud in it. It is a creamy yellow with white at the bottom, and by actual measurement from the tip where it begins to get white is eleven inches, and the white is three inches long, making fourteen inches in all. The bud itself is a sight to see, and I expect the flower to be still more of a rarity. I got the bulb from our editor two years ago. Last fall I dug it up, wrapped it in paper, and laid it on the shelf in the pit. This spring I put it in an old zinc tub, in good, rich soil, well drained, and set it by the wash shelf, its helm getting water every day from one to twenty inches, and lo! my reward. It never gets any anshine till about five o'clock in the evening. I noticed the leaves this year have not been so large as last, and suppose it was because I had it in a tub. It's simply a grand sight.

Mrs. Eva Francis.

Delta Co., Texas, Oct. 10, 1901.

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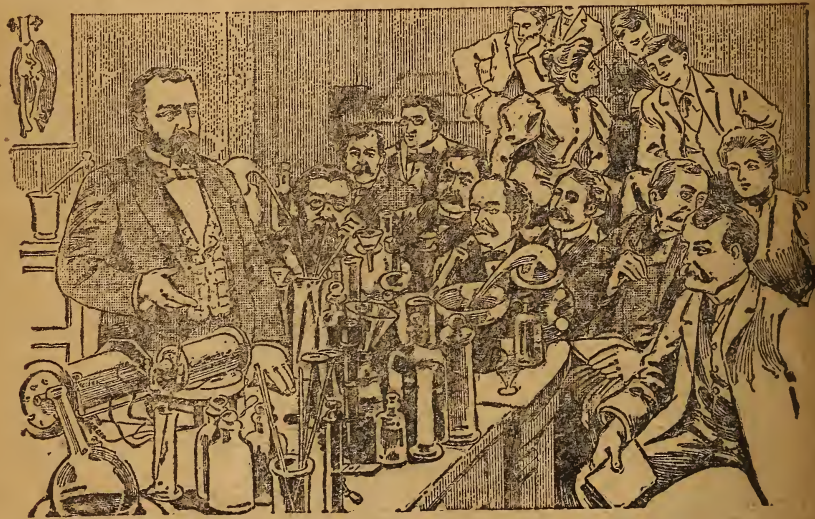
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EDITOR'S NOTE.—When writing the Doctor please mention **PARK'S FLORAL MAGAZINE**, giving express and post office address, and greatly oblige.